

RECEIVED
CENTRAL FAX CENTER

DEC 29 2006

IN THE CLAIMS:

1. (Previously Presented) A fuel cell including a solid electrolyte and an electrode comprising a conductive material having a plurality of pores wherein said pores are tapered having a first pore opening smaller in size than a second pore opening, said electrode having a pore size distribution wherein at least 90% of the total pore volume is in pores of diameter from about 10% below the size of the mode pore diameter to about 10% above the size of the mode pore diameter.
2. (Previously Presented) The electrode of claim 1, wherein said pore sizes are in the range of about 0.1 μm to about 10 μm as measured by scanning electron microscopy
3. (Previously Presented) The electrode of claim 1, wherein said first pore opening is up to about a factor of 10 smaller in size than said second pore opening, wherein said pore openings are measured by scanning electron microscopy
4. (Previously Presented) A fuel cell including a solid electrolyte and comprising at least one electrode comprising a conductive material having a plurality of pores wherein said pores are tapered having a first pore opening smaller in size than a second pore opening, said electrode having a pore size distribution wherein at least 90% of the total pore volume is in pores of diameter from about 10% below the size of the mode pore diameter to about 10% above the size of the mode pore diameter.

5. (Previously Presented) The fuel cell of claim 4, , wherein said first pore opening is up to about a factor of 10 smaller in size than said second pore opening, wherein said pore openings are measured by scanning electron microscopy.
6. (Previously Presented) The fuel cell of claim 4, wherein the pore sizes are in the range of about 0.1 μm to about 10 μm as measured by scanning electron microscopy
7. (Previously Presented) A fuel cell stack comprising at least one fuel cell including a solid electrolyte and having at least one electrode comprising a conductive material having a plurality of pores wherein said pores are tapered having a first pore opening smaller in size than a second pore opening, said electrode having a pore size distribution wherein at least 90% of the total pore volume is in pores of diameter from about 10% below the size of the mode pore diameter to about 10% above the size of the mode pore diameter.
8. (Previously Presented) The fuel cell stack of claim 7, wherein said first pore opening is up to about a factor of 10 smaller in size than said second pore opening, wherein said pore openings are measured by scanning electron microscopy.
9. (Previously Presented) The fuel cell stack of claim 7, wherein the pore sizes are in the range of about 0.1 μm to about 10 μm as measured by scanning electron microscopy